

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092622\
 Data File : BF130413.D
 Acq On : 26 Sep 2022 17:56
 Operator : CG\JU
 Sample : N4742-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP-05

Quant Time: Sep 27 01:07:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 27 01:00:47 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

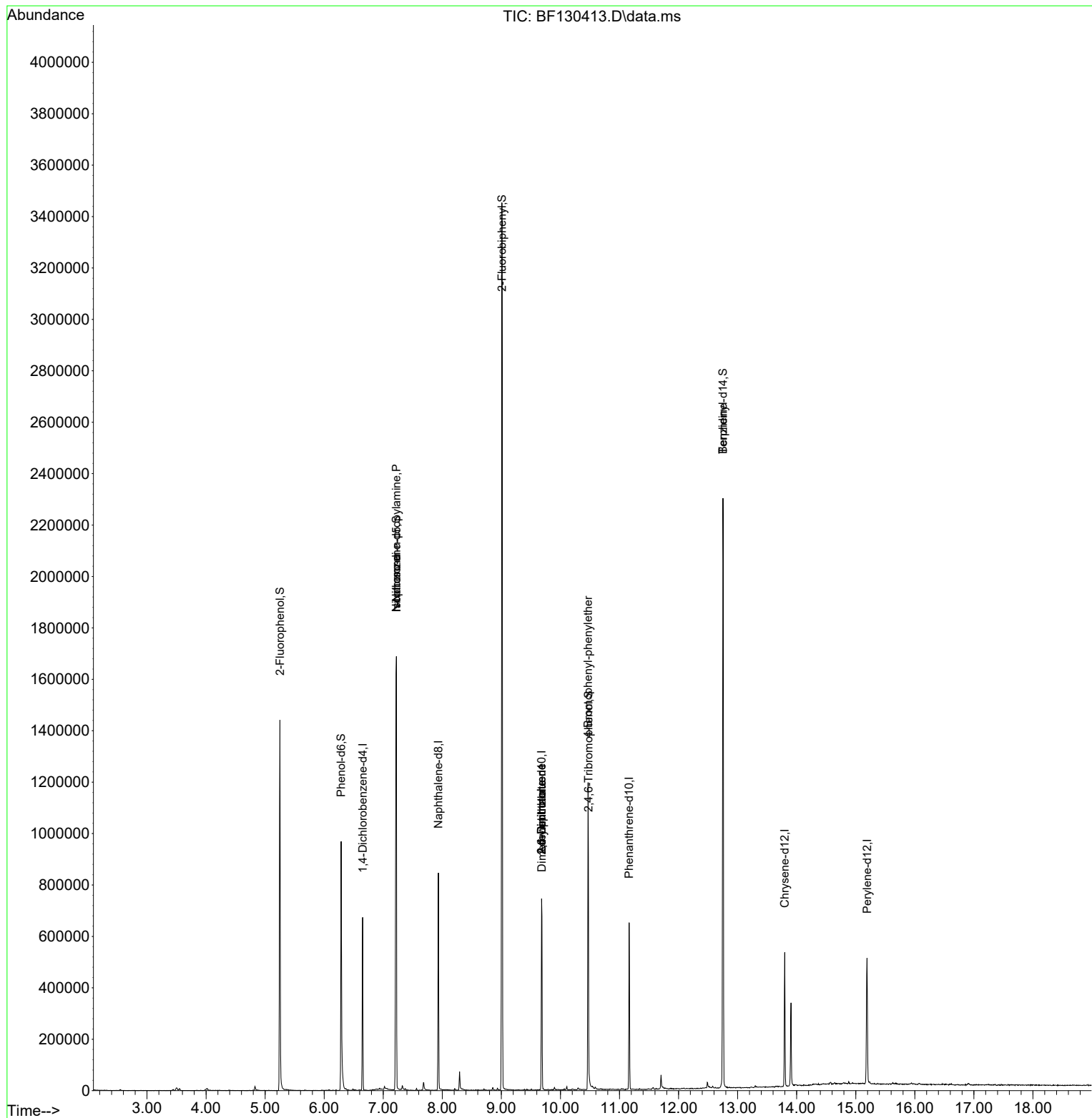
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.651	152	89649	20.000	ng	0.00
21) Naphthalene-d8	7.933	136	324934	20.000	ng	# 0.00
39) Acenaphthene-d10	9.680	164	150590	20.000	ng	0.00
64) Phenanthrene-d10	11.163	188	212486	20.000	ng	0.00
76) Chrysene-d12	13.798	240	160337	20.000	ng	0.00
86) Perylene-d12	15.192	264	205962	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	388906	75.243	ng	0.00
7) Phenol-d6	6.287	99	324693	50.206	ng	0.00
23) Nitrobenzene-d5	7.222	82	587672	92.398	ng	0.00
42) 2,4,6-Tribromophenol	10.474	330	139649	96.781	ng	0.00
45) 2-Fluorobiphenyl	9.010	172	1048030	101.343	ng	0.00
79) Terphenyl-d14	12.751	244	783038	80.898	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.222	70	80429	18.430	ng	# 72
25) Isophorone	7.222	82	587665	57.327	ng	# 66
50) Dimethylphthalate	9.686	163	28345	2.725	ng	# 1
51) 2,6-Dinitrotoluene	9.680	165	20048	9.215	ng	# 16
57) 2,4-Dinitrotoluene	9.680	165	20048	7.211	ng	# 16
67) 4-Bromophenyl-phenylether	10.469	248	8507	3.629	ng	# 1
77) Benzidine	12.751	184	11882	2.553	ng	# 91

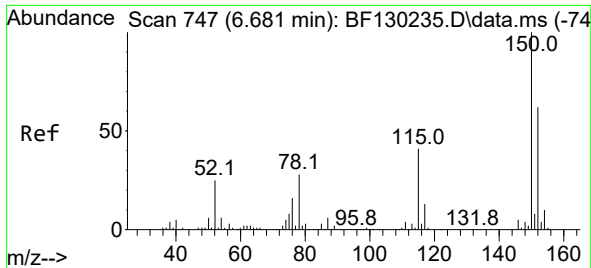
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092622\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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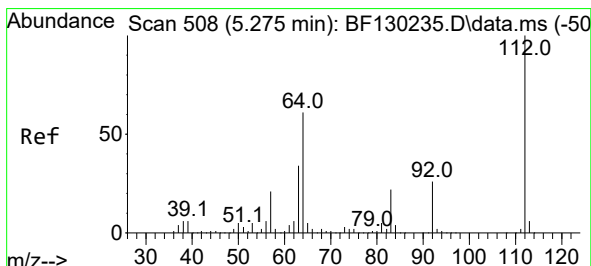
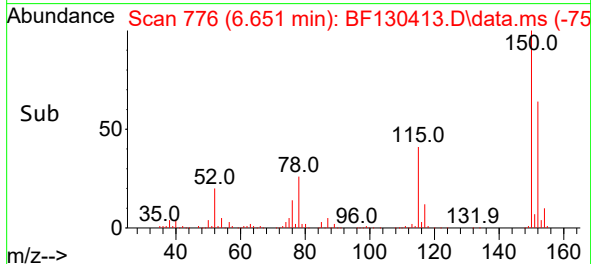
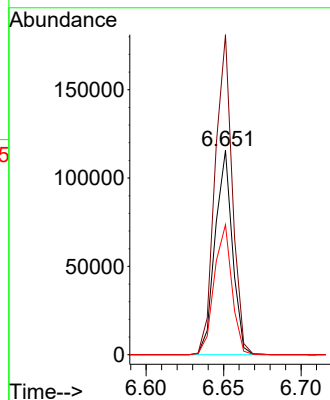
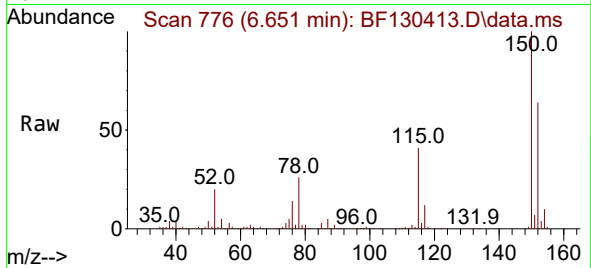




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.651 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130413.D
Acq: 26 Sep 2022 17:56

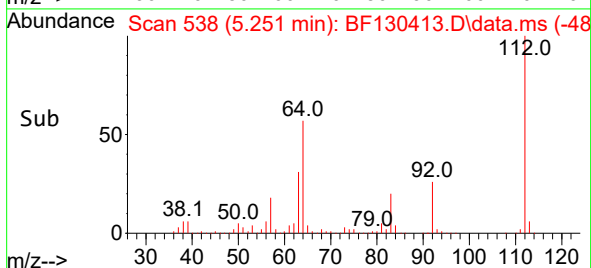
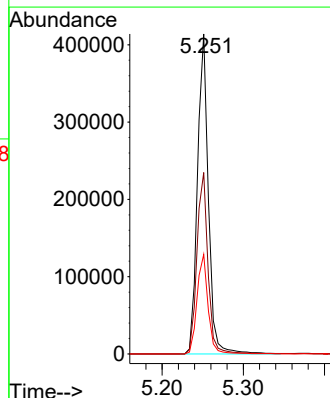
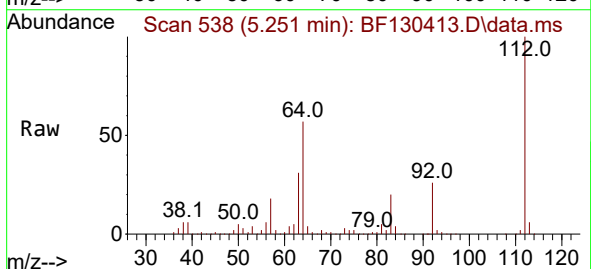
Instrument :
BNA_F
ClientSampleId :
TWP-05

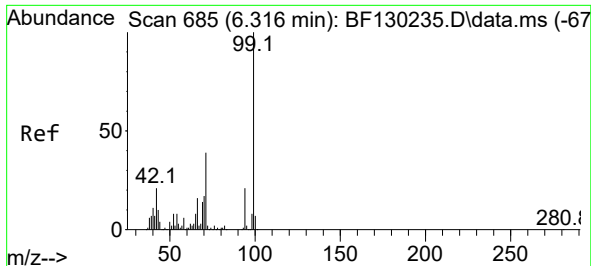
Tgt Ion:152 Resp: 89649
Ion Ratio Lower Upper
152 100
150 156.7 122.8 184.2
115 63.6 53.8 80.8



#5
2-Fluorophenol
Concen: 75.243 ng
RT: 5.251 min Scan# 538
Delta R.T. 0.006 min
Lab File: BF130413.D
Acq: 26 Sep 2022 17:56

Tgt Ion:112 Resp: 388906
Ion Ratio Lower Upper
112 100
64 56.7 51.4 77.0
63 31.1 28.8 43.2

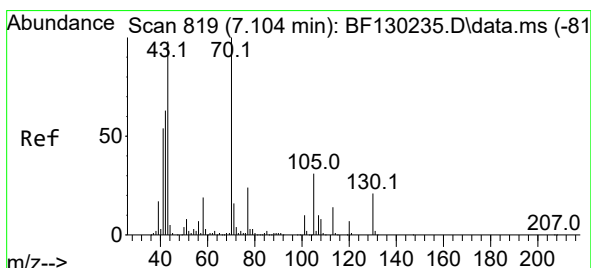
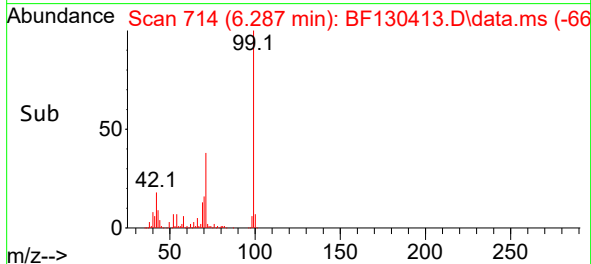
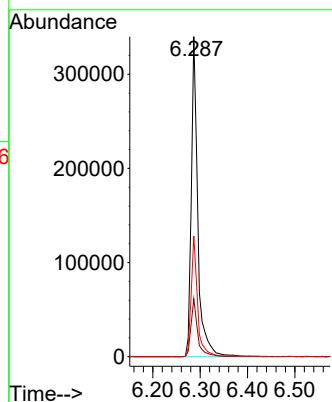
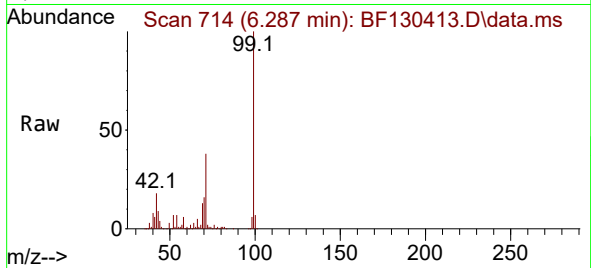




#7
Phenol-d6
Concen: 50.206 ng
RT: 6.287 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF130413.D
Acq: 26 Sep 2022 17:56

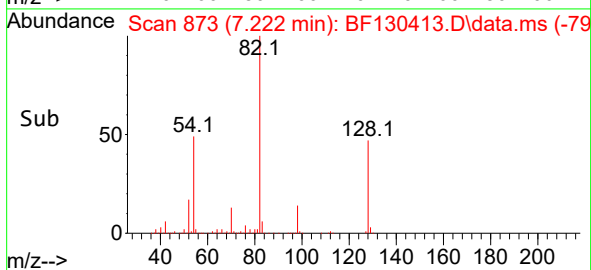
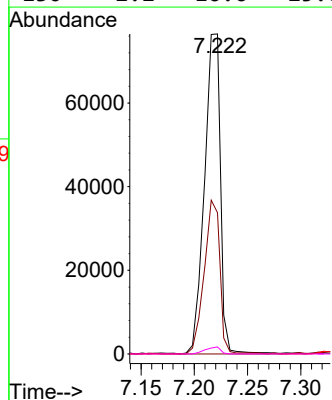
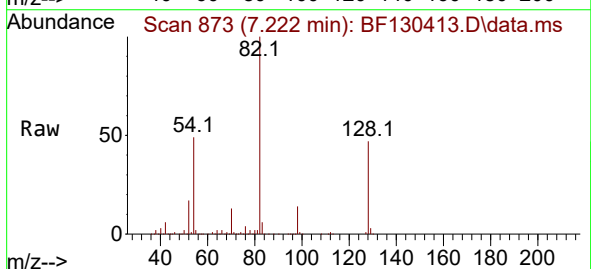
Instrument :
BNA_F
ClientSampleId :
TWP-05

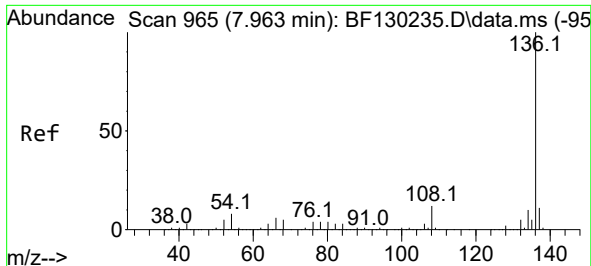
Tgt Ion: 99 Resp: 324693
Ion Ratio Lower Upper
99 100
42 18.1 17.0 25.6
71 37.8 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.430 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.147 min
Lab File: BF130413.D
Acq: 26 Sep 2022 17:56

Tgt Ion: 70 Resp: 80429
Ion Ratio Lower Upper
70 100
42 44.2 50.8 76.2#
101 0.0 8.2 12.4#
130 2.2 16.6 25.0#

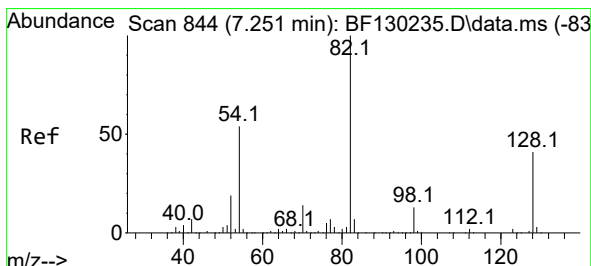
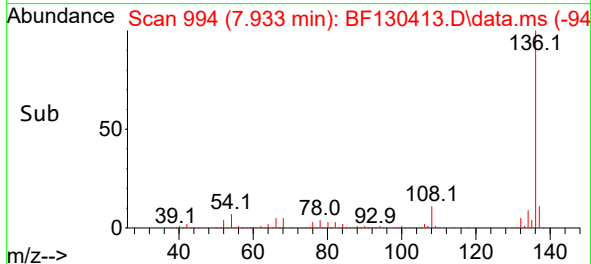
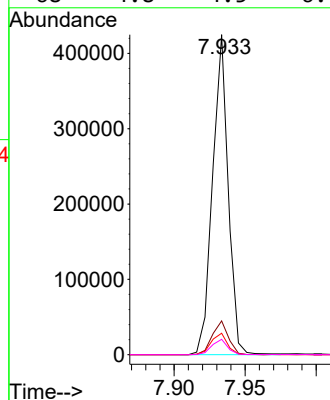
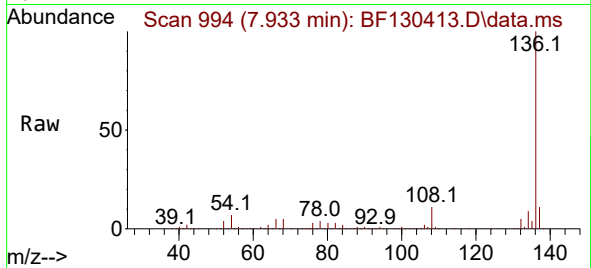




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.933 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130413.D
Acq: 26 Sep 2022 17:56

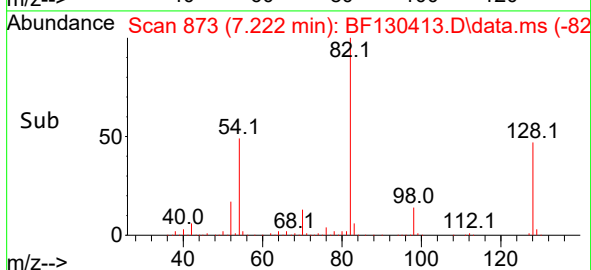
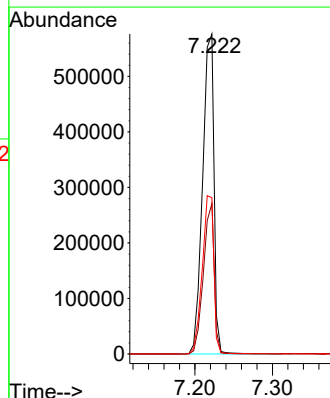
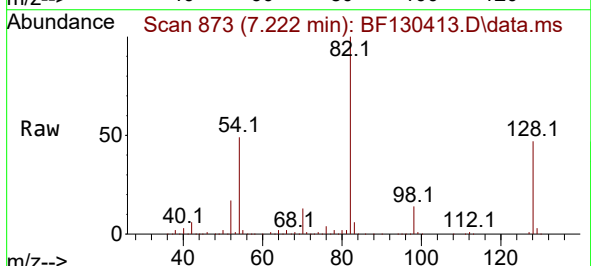
Instrument :
BNA_F
ClientSampleId :
TWP-05

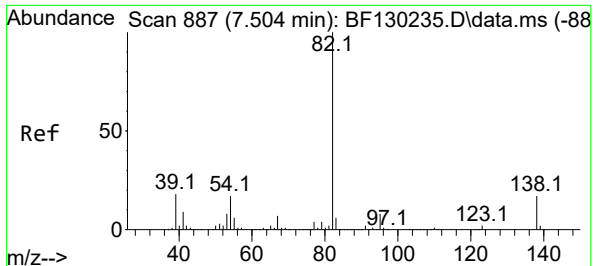
Tgt Ion:136 Resp: 324934
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 6.7 7.1 10.7#
68 4.8 4.5 6.7



#23
Nitrobenzene-d5
Concen: 92.398 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.000 min
Lab File: BF130413.D
Acq: 26 Sep 2022 17:56

Tgt Ion: 82 Resp: 587672
Ion Ratio Lower Upper
82 100
128 47.0 32.6 49.0
54 48.9 43.8 65.6

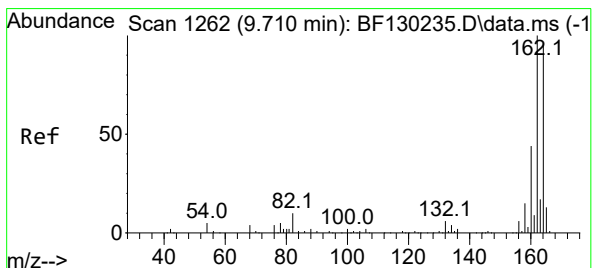
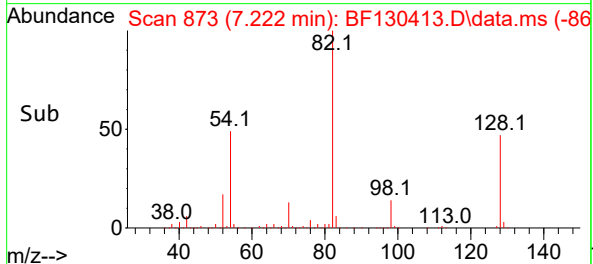
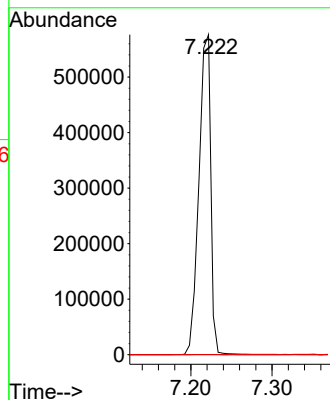
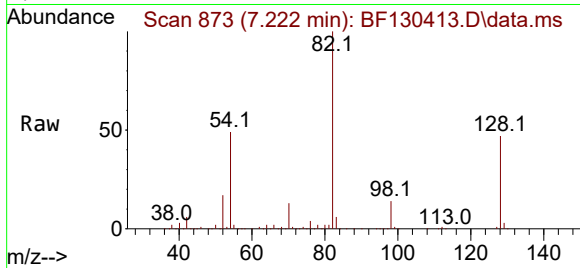




#25
Isophorone
Concen: 57.327 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF130413.D
Acq: 26 Sep 2022 17:56

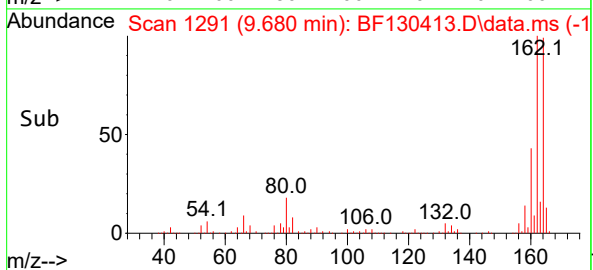
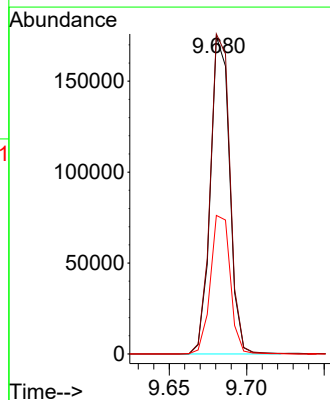
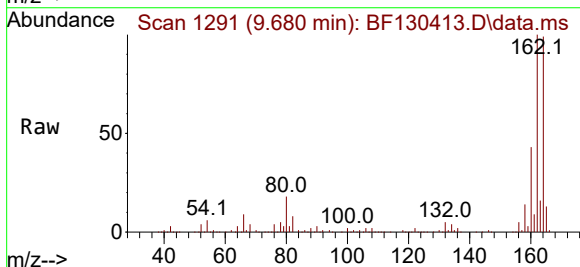
Instrument :
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ClientSampleId :
TWP-05

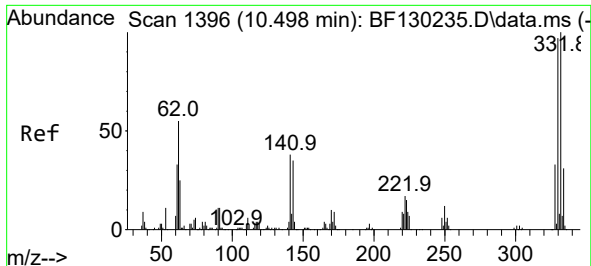
Tgt Ion: 82 Resp: 587665
Ion Ratio Lower Upper
82 100
95 0.1 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.680 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF130413.D
Acq: 26 Sep 2022 17:56

Tgt Ion: 164 Resp: 150590
Ion Ratio Lower Upper
164 100
162 100.8 81.4 122.0
160 43.6 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 96.781 ng

RT: 10.474 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF130413.D

Acq: 26 Sep 2022 17:56

Instrument :

BNA_F

ClientSampleId :

TWP-05

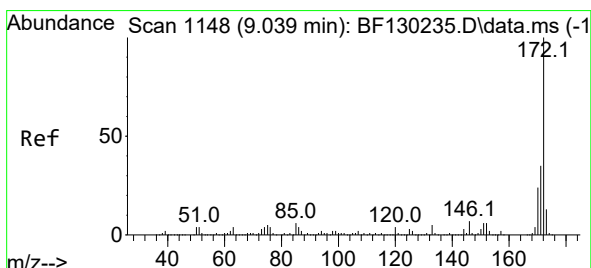
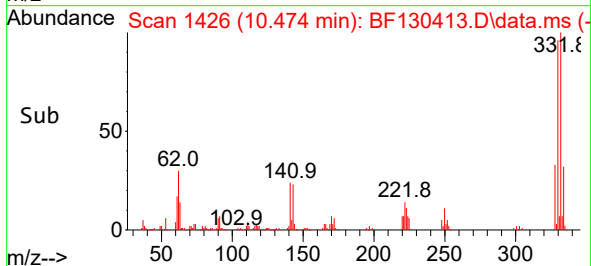
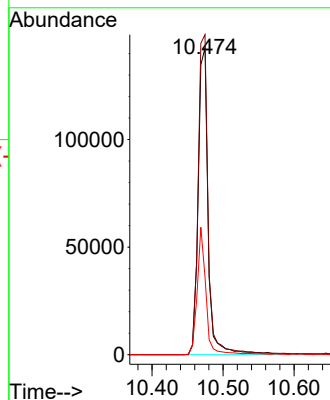
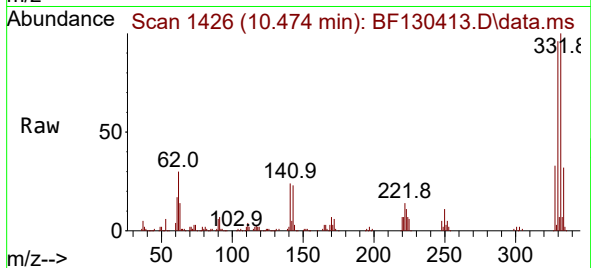
Tgt Ion:330 Resp: 139649

Ion Ratio Lower Upper

330 100

332 105.7 83.4 125.2

141 36.7 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 101.343 ng

RT: 9.010 min Scan# 1177

Delta R.T. -0.006 min

Lab File: BF130413.D

Acq: 26 Sep 2022 17:56

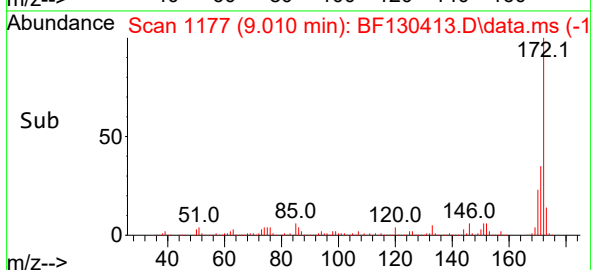
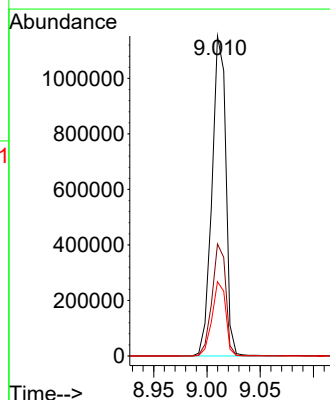
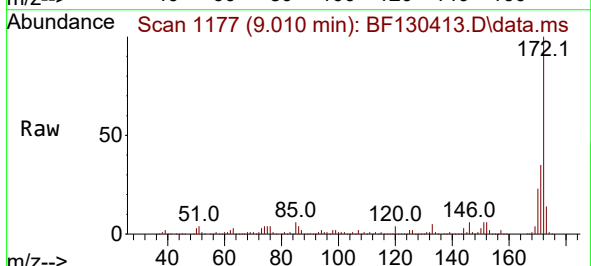
Tgt Ion:172 Resp: 1048030

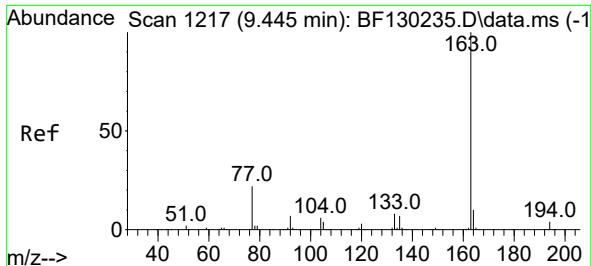
Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.2 18.7 28.1

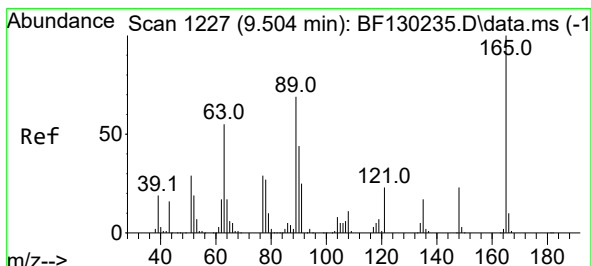
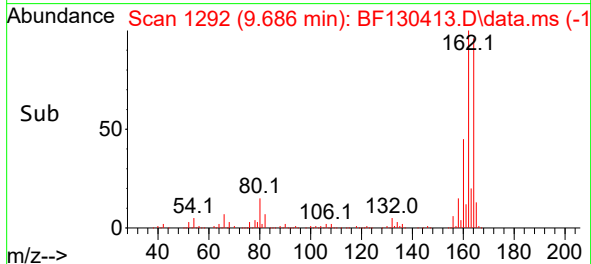
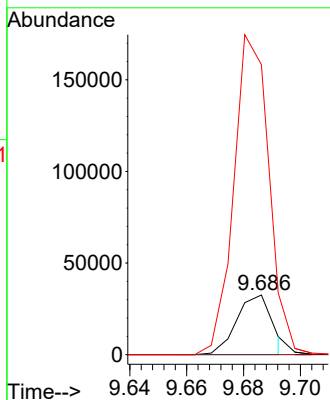
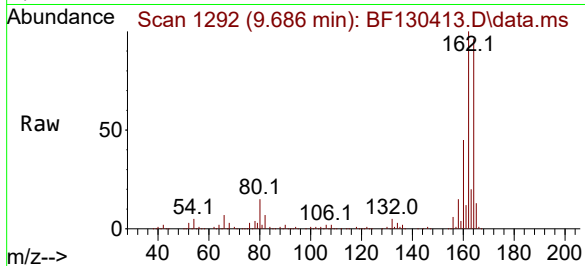




#50
Dimethylphthalate
Concen: 2.725 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.265 min
Lab File: BF130413.D
Acq: 26 Sep 2022 17:56

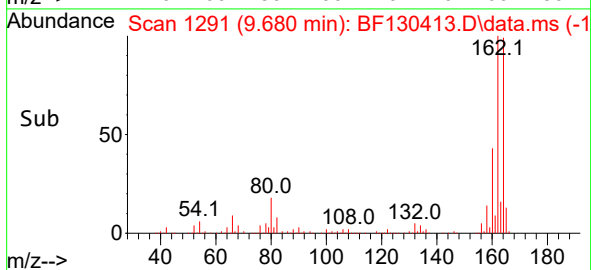
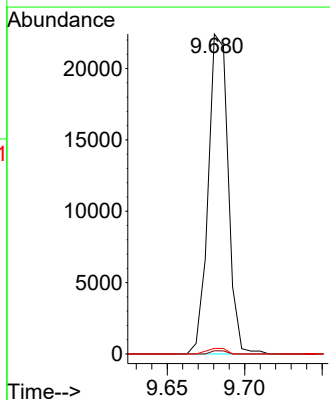
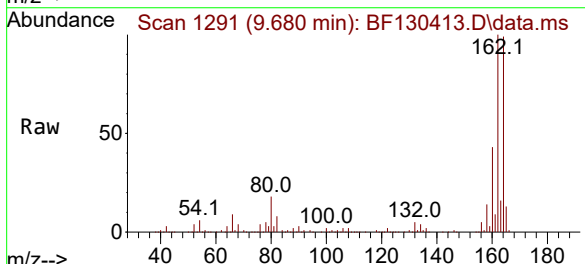
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TWP-05

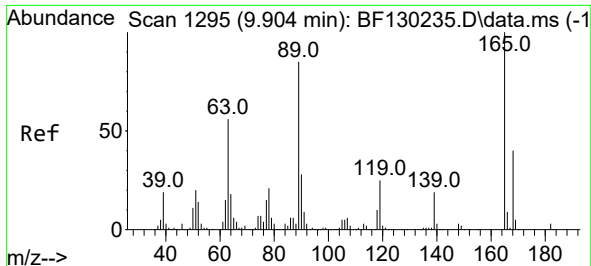
Tgt Ion:163 Resp: 28345
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 486.6 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.215 ng
RT: 9.680 min Scan# 1291
Delta R.T. 0.194 min
Lab File: BF130413.D
Acq: 26 Sep 2022 17:56

Tgt Ion:165 Resp: 20048
Ion Ratio Lower Upper
165 100
63 1.0 58.8 88.2#
89 1.8 54.5 81.7#

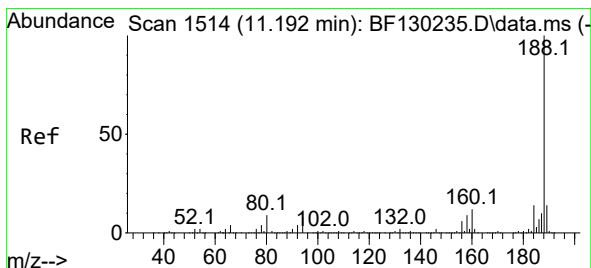
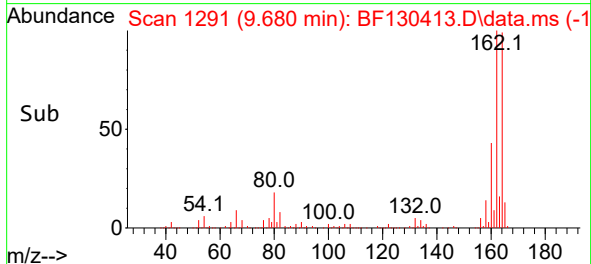
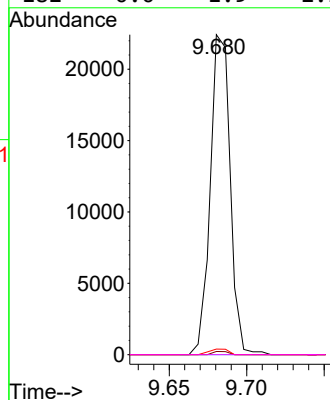
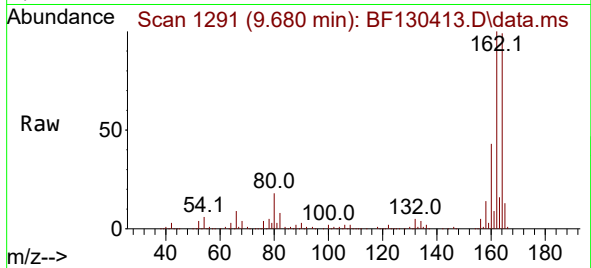




#57
2,4-Dinitrotoluene
Concen: 7.211 ng
RT: 9.680 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF130413.D
Acq: 26 Sep 2022 17:56

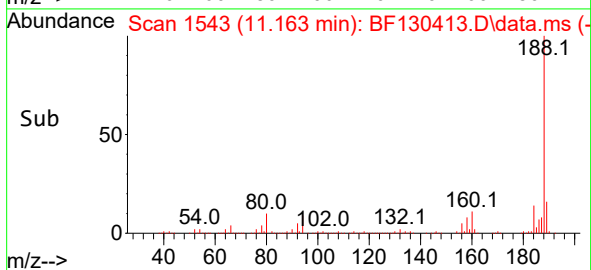
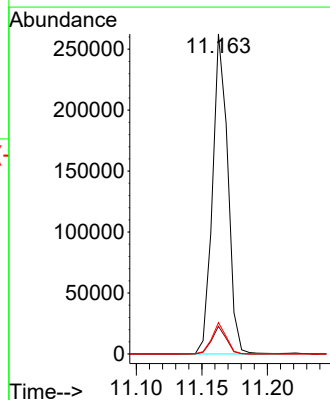
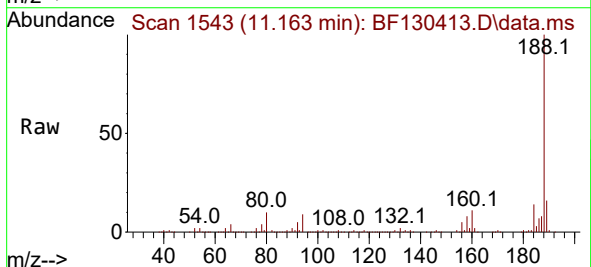
Instrument :
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TWP-05

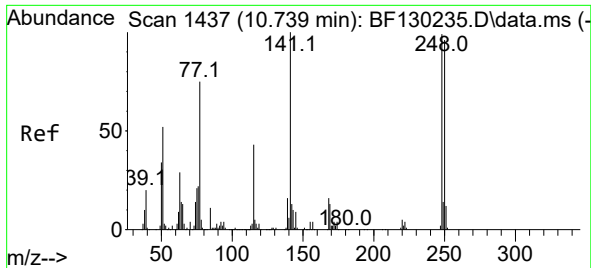
Tgt Ion:165 Resp: 20048
Ion Ratio Lower Upper
165 100
63 1.0 44.7 67.1#
89 1.8 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.163 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF130413.D
Acq: 26 Sep 2022 17:56

Tgt Ion:188 Resp: 212486
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.8 7.9 11.9

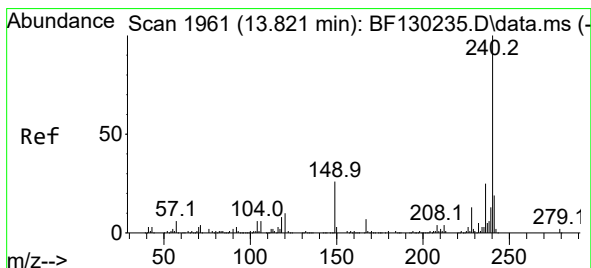
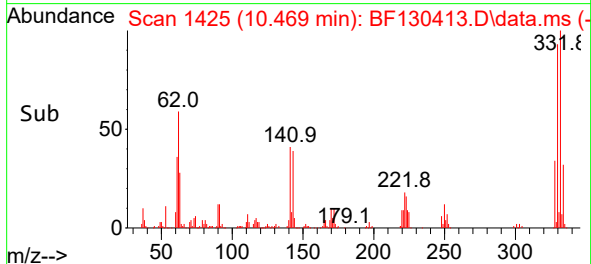
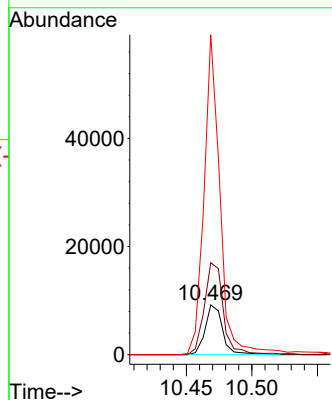
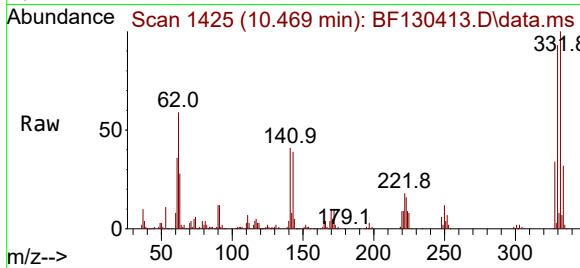




#67
4-Bromophenyl-phenylether
Concen: 3.629 ng
RT: 10.469 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF130413.D
Acq: 26 Sep 2022 17:56

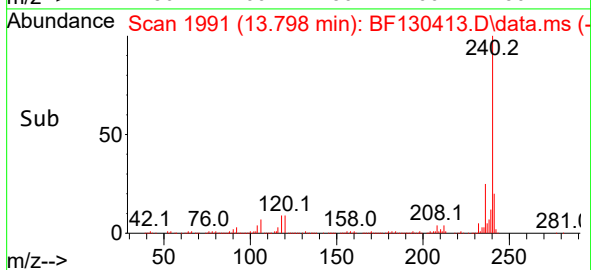
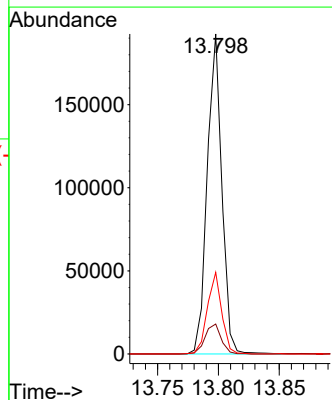
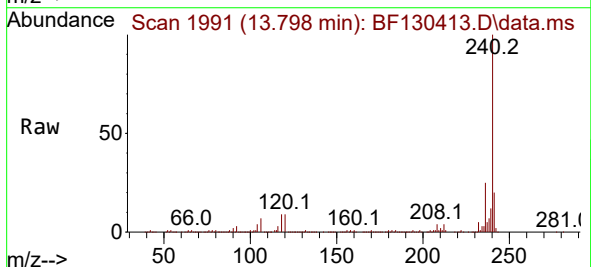
Instrument :
BNA_F
ClientSampleId :
TWP-05

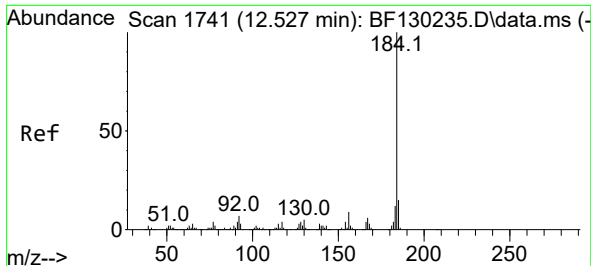
Tgt Ion:248 Resp: 8507
Ion Ratio Lower Upper
248 100
250 185.1 80.0 120.0#
141 643.9 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.798 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF130413.D
Acq: 26 Sep 2022 17:56

Tgt Ion:240 Resp: 160337
Ion Ratio Lower Upper
240 100
120 9.4 8.7 13.1
236 25.5 20.9 31.3

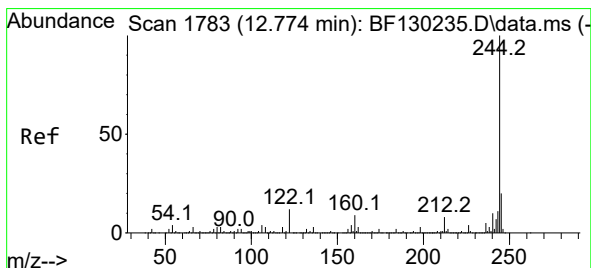
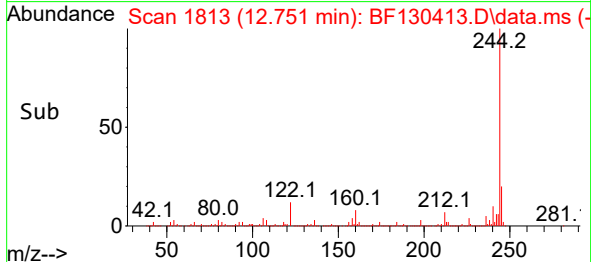
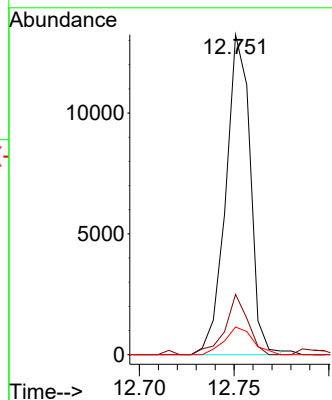
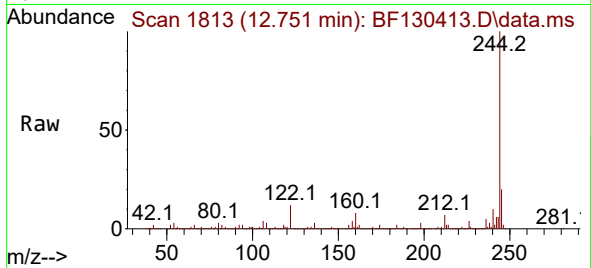




#77
Benzidine
Concen: 2.553 ng
RT: 12.751 min Scan# 1813
Delta R.T. 0.241 min
Lab File: BF130413.D
Acq: 26 Sep 2022 17:56

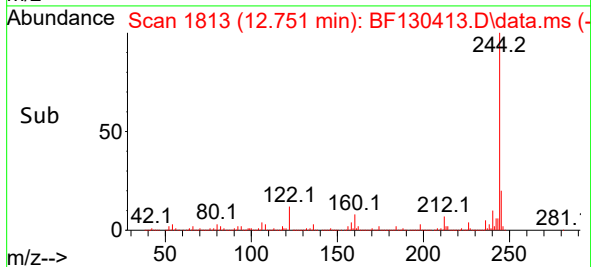
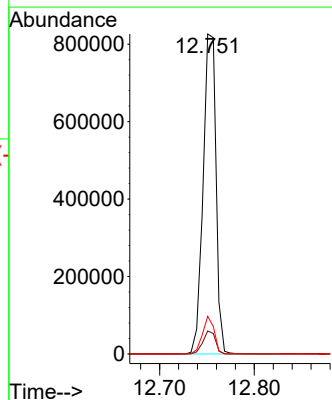
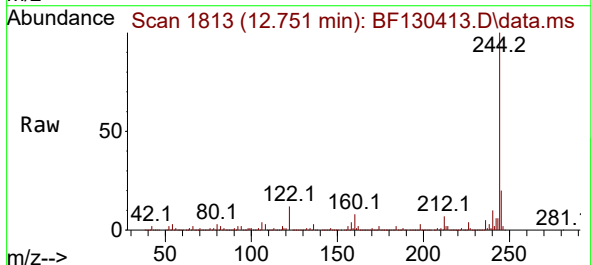
Instrument :
BNA_F
ClientSampleId :
TWP-05

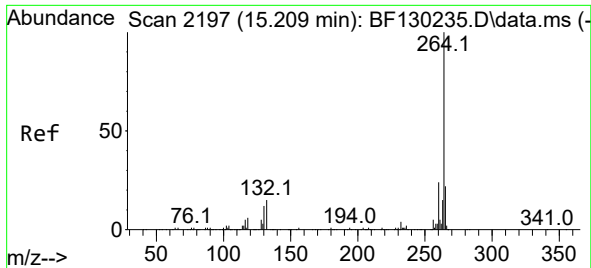
Tgt Ion:184 Resp: 11882
Ion Ratio Lower Upper
184 100
185 18.9 11.8 17.6#
183 8.6 9.1 13.7#



#79
Terphenyl-d14
Concen: 80.898 ng
RT: 12.751 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF130413.D
Acq: 26 Sep 2022 17:56

Tgt Ion:244 Resp: 783038
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 11.8 8.5 12.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.192 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF130413.D

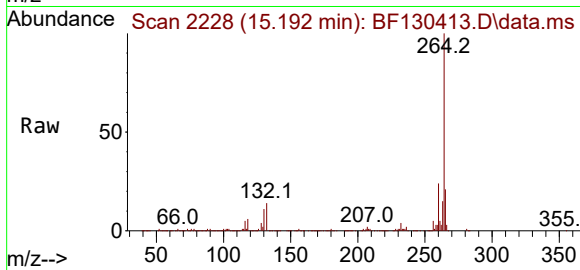
Acq: 26 Sep 2022 17:56

Instrument :

BNA_F

ClientSampleId :

TWP-05



Tgt Ion:264 Resp: 205962

Ion Ratio Lower Upper

264 100

260 23.7 19.3 28.9

265 21.1 17.0 25.4

